

Title (en)  
NANOSTRUCTURED PAINT FOR REDUCING MICROBIAL CORROSION

Title (de)  
NANOSTRUKTURIERTER LACK ZUR REDUZIERUNG VON MIKROBIELLER KORROSION

Title (fr)  
PEINTURE NANOSTRUCTURÉE POUR RÉDUIRE LA CORROSION MICROBIENNE

Publication  
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Application  
**EP 17934882 A 20171213**

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Abstract (en)  
The present invention relates to the field of nanotechnology, more particularly to a paint or coating composition that allows microbial corrosion in metal surfaces to be suppressed. The composition comprises a paint base formed by ethylene glycol monobutyl ether and nitrocellulose into which carbon nanotubes have been incorporated. Also disclosed is a method for preparing the paint or coating composition, a method for preventing or eliminating biocorrosion in surfaces exposed to aqueous environments, and lastly, the use of the paint or coating composition.

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